

10/558541

1AP16 Receipt Date 28 NOV 2005

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 756264705 US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.  
Peter C. Lauro  
(Peter C. Lauro)

Docket No.: 60005US(49991)  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
John E. O'Gara, et al.

Application No.: Not Yet Assigned – U.S. National  
Phase of PCT/US2004/013721, filed May 3, 2004

Confirmation No.: N/A

Filed: November 28, 2005

Art Unit: N/A

For: *NOVEL NANOCOMPOSITES AND THEIR  
APPLICATION AS MONOLITH COLUMNS*

Examiner: Not Yet Assigned

### INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, Applicants hereby direct the attention of the Patent and Trademark Office to the reference listed on the attached PTO/SB/08. Applicants respectfully request that the information be expressly considered during the prosecution of this application, and that the reference be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith, which is a U.S. national phase of international application no. PCT/US2004/013721, filed May 3, 2004, which was published in English as WO2004/105910 A2 on December 9, 2004. The reference listed on the attached PTO/SB/08 was cited in the International Search Report issued in the aforementioned PCT international application. A copy of the International Search Report is included with a copy of the aforementioned published international patent application submitted concurrently herewith.

301558541

U.S. National Phase of  
PCT/US2004/013721, filed May 3, 2004  
Preliminary Amendment

Docket No.:60005US(49991)

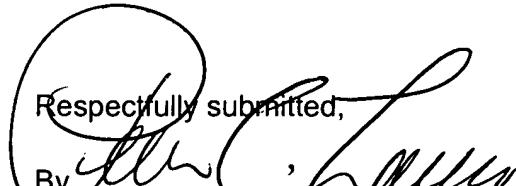
AP16 Rec'd 28 NOV 2005

Applicants have not provided a copy of the reference inasmuch as a copy has already been provided to the United States Receiving Office.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

Pursuant to 37 C.F.R. 1.97(b)(2), Applicants submit that no fees are required for consideration and entry of this Information Disclosure Statement. However, the Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith to our Deposit Account No. 04-1105, under Order No. 59757US. A duplicate copy of this paper is enclosed.

Applicants submit that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and respectfully request the Examiner to consider the listed reference.

Respectfully submitted,  
By   
Peter C. Lauro

Registration No.: 32,360  
EDWARDS ANGELL PALMER & DODGE  
LLP  
P.O. Box 55874  
Boston, Massachusetts 02205  
(617) 439-4444  
Attorneys/Agents For Applicant

Dated: November 28, 2005

2005 NOV 28 REC'D 13:13:13

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				<i>Complete if Known</i>	
				Application Number	Not Yet Assigned <i>1558541</i>
				Filing Date	November 28, 2005
				First Named Inventor	John E. O'Gara
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	60005US(49991)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AA		US-6,310,110-A2	10-30-2001	Markowitz et al	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
					T <sup>6</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
--------------------	-----------------